

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

1 of 2

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR:	CONTRACT NO. / TASK NO. / AMENDMENT	JOB ORDER NUMBER	APPROV. FY
QSS Group, Inc.	NAS5- 99124 376	567-839-30-63-89	2000

TASK TITLE: (NTE 80 characters; include Project name)

Communications System Engineering Services for NMP ST5

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Kenneth Perko <i>Kenneth L Perko</i>	8/23/2000	567	567	301-286-6375
BRANCH HEAD	DATE	CODE		PHONE
John Chitwood <i>John Chitwood</i>	8-23-00		567	301-286-5936
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Bob Lebar <i>Bob Lebar</i>	9/20/00 8/24/00		560	301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:		
[X] NO [] YES				

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)
C.O. Requested Quote on:
Date:

Contractor will develop specification or statement of work under this task for a future procurement. [] NO [X] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [] NO [] YES [X] N/A

Government Furnished Property/Facilities: [X] NO [] YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [] NO [X] YES If yes: [] TOTAL [X] PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: [X] NO [] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 10/1/00.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	X No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 251,010

The target fee of this task order is \$ 16,316

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 267,326

The maximum fee is \$ 23,846

The minimum fee is \$0.

AUTHORIZED SIGNATURE	DATE	TYPED NAME OF CONTRACTING OFFICER
<i>Elizabeth J. Austin</i>	10/23/00	ELIZABETH J. AUSTIN CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE	AUTHORIZED SIGNATURE	DATE

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REQUEST FOR TASK PLAN / TASK ORDER**CONTRACTOR****CONTRACT NO./TASK NO.**

QSS Group, Inc.

NAS5-

99124

TASK NO.

376

AMENDMENT

Applicable paragraphs from contract Statement of Work:

2 - F

STATEMENT OF WORK: (Continue on blank paper if additional space is required)*This is a follow-on to Task 161 under this contract; uninterrupted transition is required.*

ST-5 is a three year flight project intended to result in the launch of a constellation of microsatellites at the end of 2003. Working with the GSFC lead, the contractor shall provide services for the development of the communications system for this mission by monitoring the transponder development for ST5, recommending appropriate technical solutions, assessing the need for new technology and likely vendors, identifying risk areas and technical alternatives, establishing developmental milestones, and defining various internal and external interfaces. During the course of the task, the contractor shall provide technical and programmatic information in the form of status reports and presentations, and recommend additional courses of action to assure the successful development of the communications system. As a part of this task, travel to various vendor locations will be required. Planning/services for ground system compatibility testing is required. The contractor shall develop and modify existing specifications and statements of work for procurement of the flight system including transponders, antennas, and passive components.

PERFORMANCE SPECIFICATIONS:

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Reports shall be delivered to the ATR both as a hard copy and in MS Word format via either diskette or email.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention. Report shall document progress, problems, plans, additional status information as necessary, and the results of efforts toward task milestones.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

None.

TASK END DATE: 10/31/01**MILESTONES/DELIVERABLES AND DATES:**

12/31/00	Identify vendor for antenna
12/31/00	Write ST-5 Communications RF ICD
2/28/01	Write ST-5 Transponder System Electrical ICD
2/28/01	Write ST-5 Transponder System Mechanical ICD
3/31/01	Monitor Fabrication of Antenna
3/31/01	Support Communication Portion of ST-5 PDR
5/31/01	Integrate GSFC Antenna RF and Mechanical Design with AeroAstro Electrical Components
6/30/01	Support Communication Portion of ST-5 CDR
10/15/01	Final Report
Monthly	Technical Progress Report, due 15th of the month

Schedule: On-time delivery/completion of the deliverables/milestones**Technical:** ATR's acceptance of the above**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Kenneth Perko, building 19, room S28